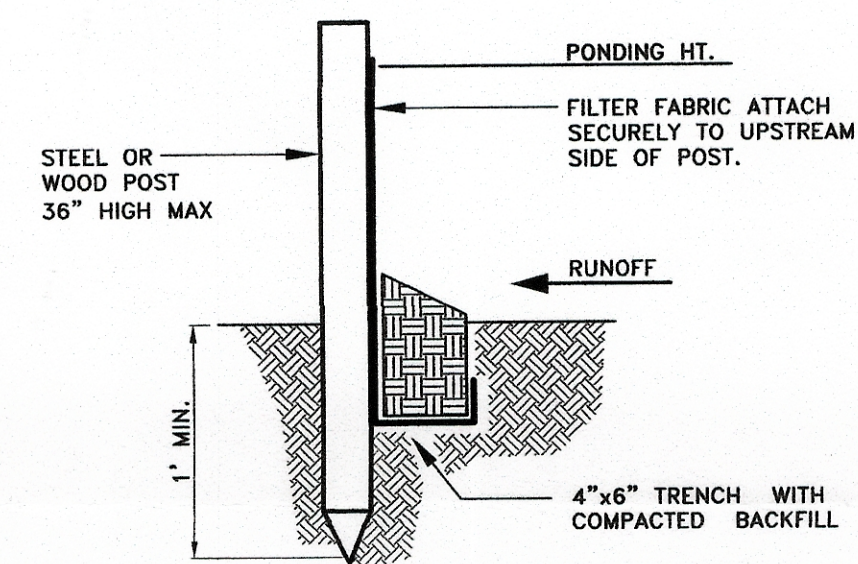


1. ALL COUPLINGS TO BE WATER TIGHT FOLLOWING INSTALLATION.
2. MINIMUM TRENCH SAFETY STANDARDS SHALL COMPLY WITH ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS.
3. PLACE THE OUTSIDE EDGE OF THE PIPE NO CLOSER THAN 2 TIMES ITS DIAMETER TO THE EMBANKMENT FILL SLOPE WHEN INSTALLED ADJACENT TO THE SLOPE FACE.
4. FOLLOW AASHTO STANDARD T 99 WITH DENSITY NOT LESS THAN 90 PERCENT OF LABORATORY DENSITY FOR COMPACTION ACCEPTANCE OF FOUNDATION, BEDDING AND BACKFILL MATERIALS. REMOVE BOULDERS OR ROCKS WITHIN BEDDING AREA.
5. EXCAVATE A TRENCH OF EQUAL OR GREATER WIDTH THAN SHOWN ABOVE. INCREASE THE TRENCH WIDTH TO 2 FT MINIMUM ON EACH SIDE OF THE PIPE WHEN THE SURROUNDING MATERIAL IS UNSUITABLE.
6. OVER-EXCAVATE UNSUITABLE PIPE FOUNDATION MATERIAL AND REPLACE WITH SUITABLE MATERIAL.
7. EXCAVATE ROCK OR UNLIVING MATERIAL FROM THE BOTTOM OF THE TRENCH AND PROVIDE 6 INCHES MINIMUM BEDDING MATERIAL.

8. RECESS THE BEDDING TO RECEIVE PIPE JOINTS WHERE APPLICABLE.
9. DO NOT DISTURB THE INSTALLED PIPE OR EMBEDMENT OR LEAVE VOIDS WHEN USING TRENCH BOXES AND SHIELDS.
10. SEAL THE OPENING AROUND THE PIPE AND THE DRAINAGE STRUCTURE.
11. PROTECT PIPE DURING CONSTRUCTION. DO NOT EXCEED DESIGN STRENGTH.
12. MEASURE MAXIMUM FILL HEIGHT FROM TOP OF PIPE TO TOP OF ROAD SURFACE AT HIGHEST FILL SECTION.
13. ON ROADSIDES BACKFILL WITH TOPSOIL TO GRADE.
14. INSTALL CDPPE PIPE WITH A DIAMETER OF 18" MIN.

PLASTIC PIPE CULVERT INSTALLATION DETAIL

NTS



SILT FENCE DETAIL

NTS